09675036 "101001

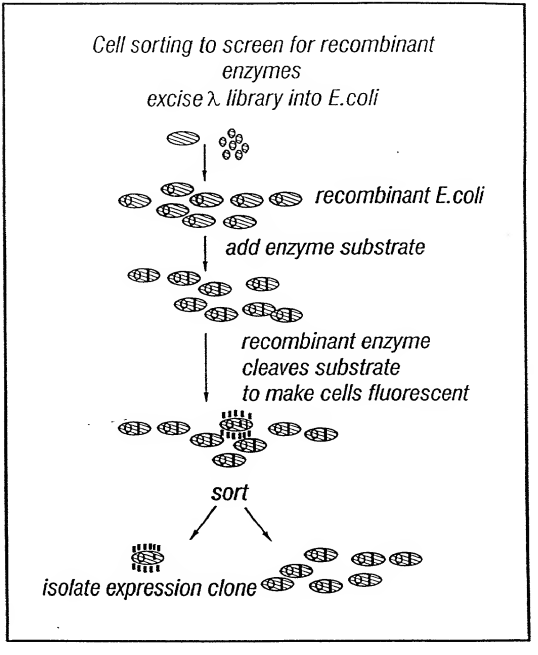


FIG. 1

09/755,936-1001004

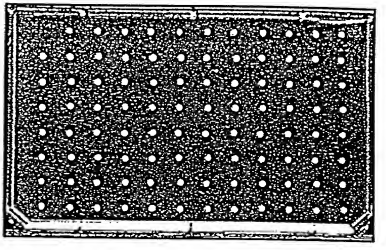
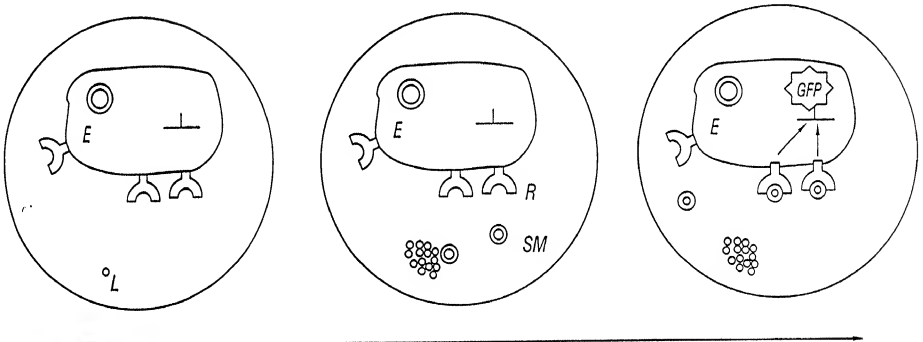


FIG. 2

09975036 "10/001



Co-encapsulation
Library + Eukaryote

Growth and expression
of small molecule from host

Receptor binding of small
molecule & GFP reporting

E=Eukaryotic assay organism	*L=Large insert library*	*SM=Small molecule*
GFP= Green fluorescent protein	*R=Eukaryotic receptor*	

FIG. 3

TOOTOT' 9E09Z660

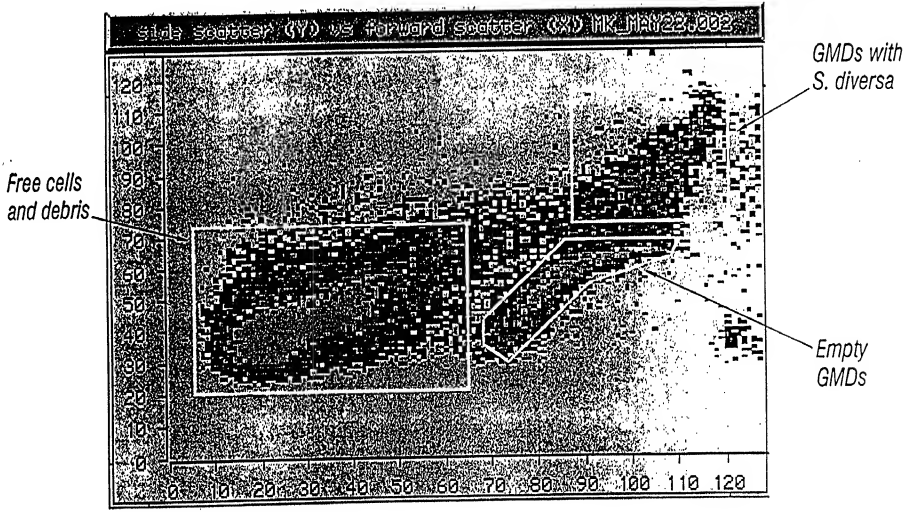


FIG. 4

TOOTOT'9E0SZ660

Whole Cell Hybridization Protocol
(+ control)

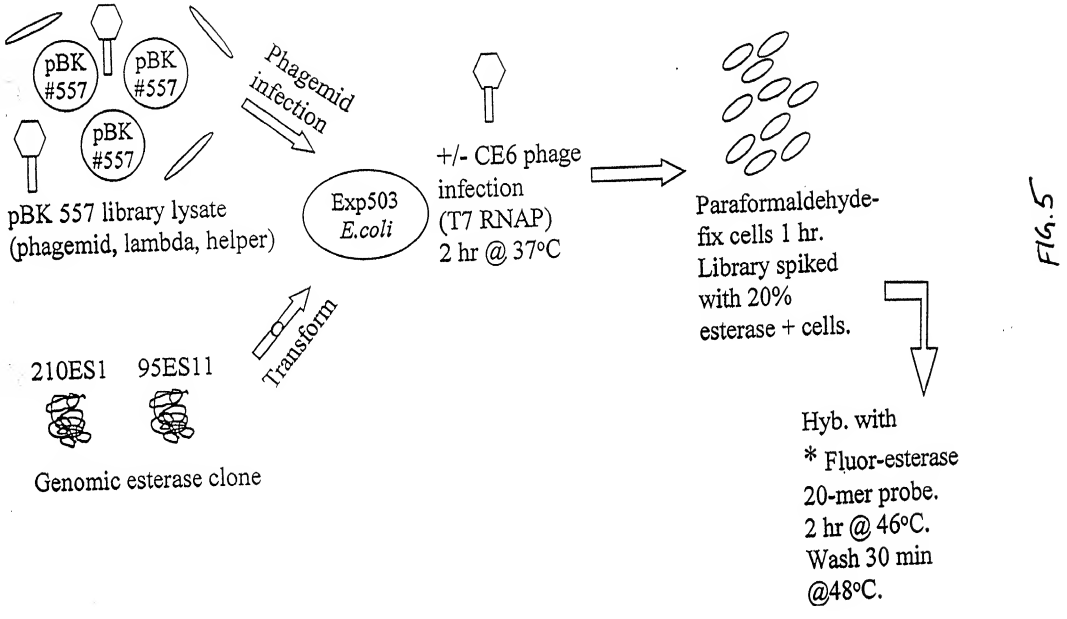


FIG. 5

TOOTOT"9E0S2660

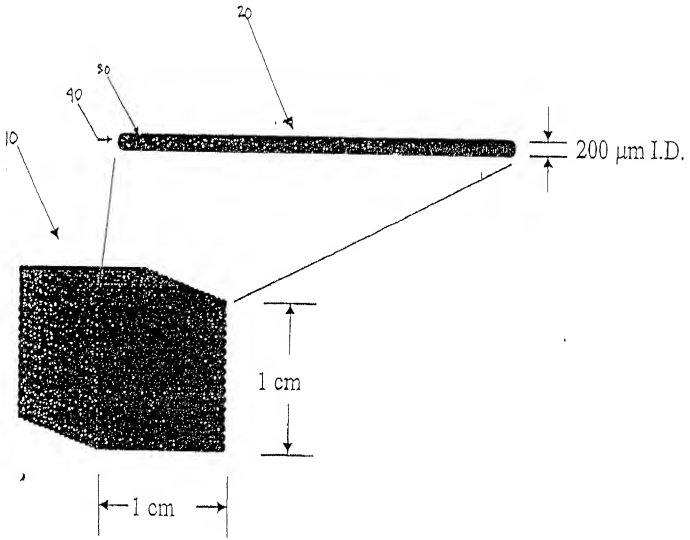


Figure 6A

09975035-101001

Figure 6B

TOOTOT'9E057660

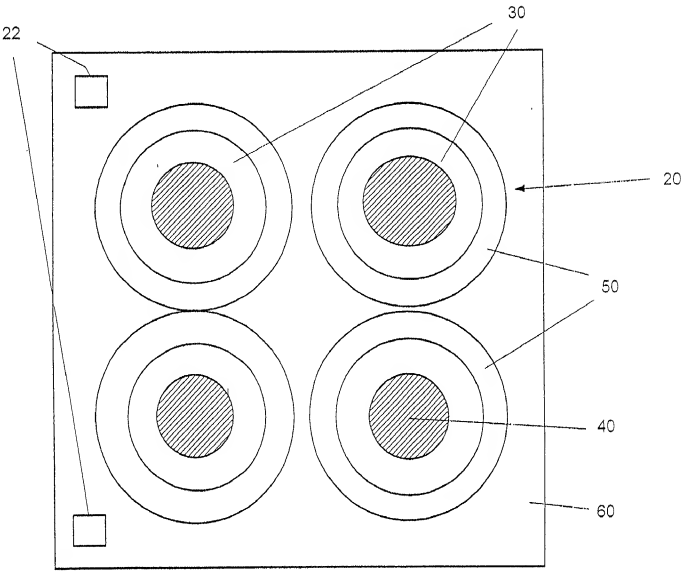
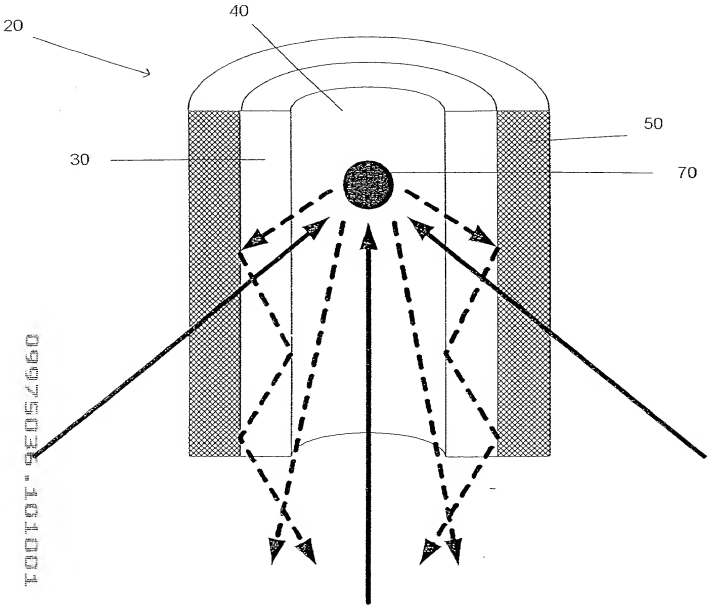


FIG. 7

09975036.101001

Figure 8



09/750336 - 101001

Figure 9

09975036 "JOTOOT

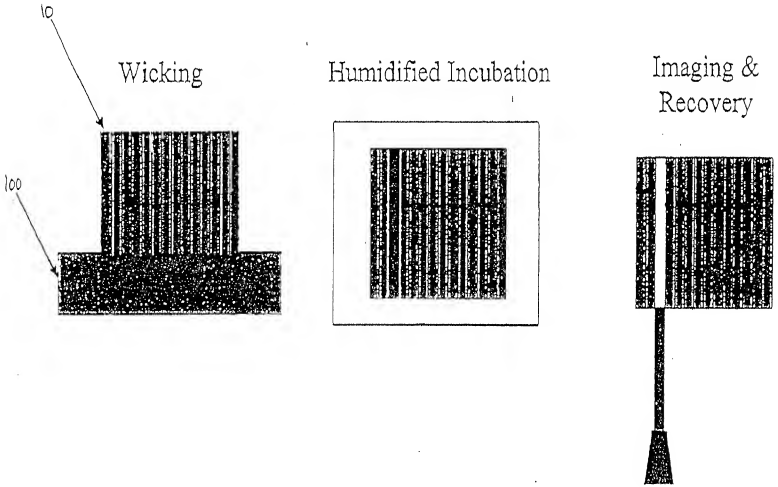


Figure 10

TOOTOT'9E05/660

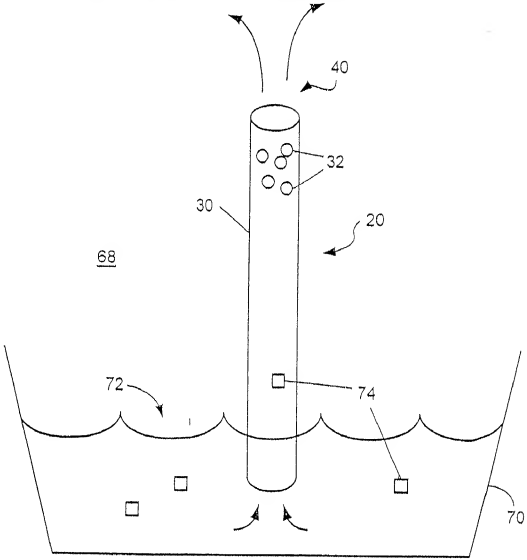


Figure 11

TOOTOT' 9E05Z660

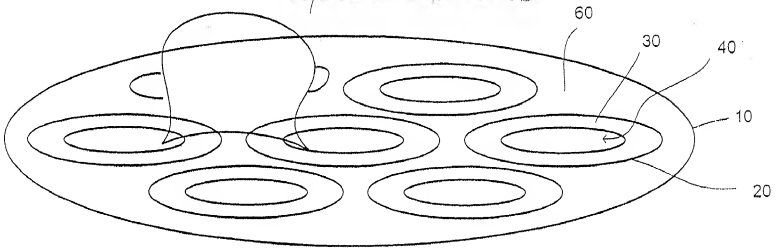


Figure 12A

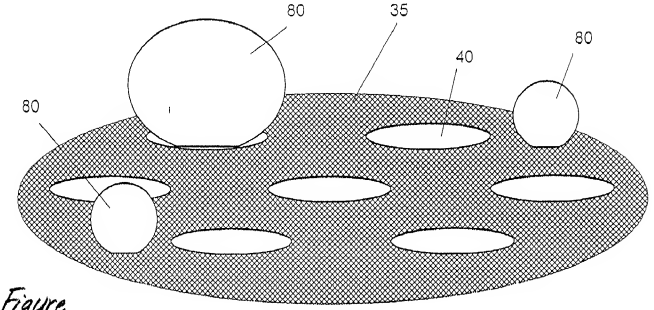


Figure 12B

TOOTOT"9E05Z660

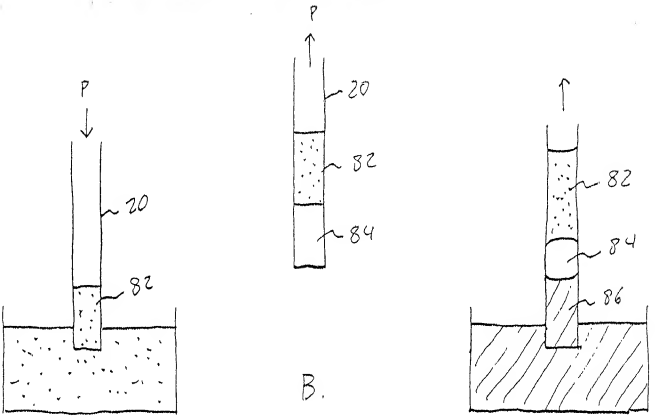


Figure 13

TOOTOT"9E057660

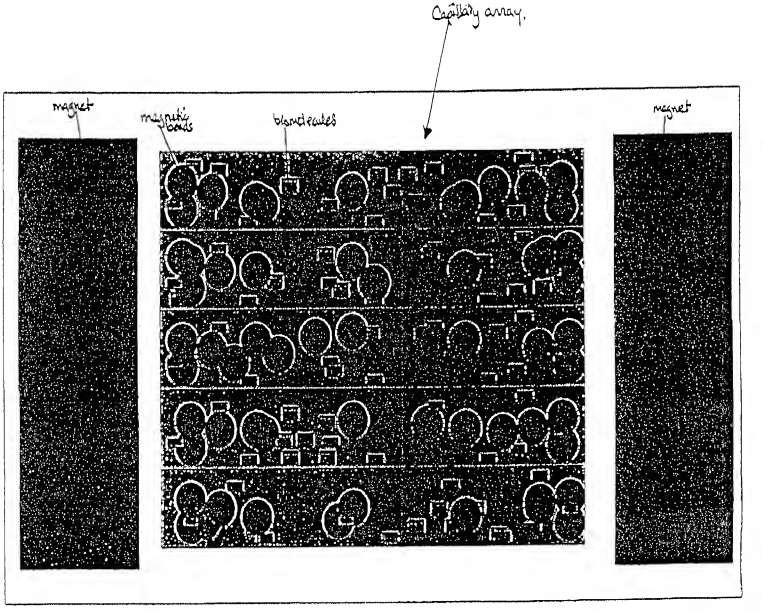


Figure 14A

09975036 "10/10/01

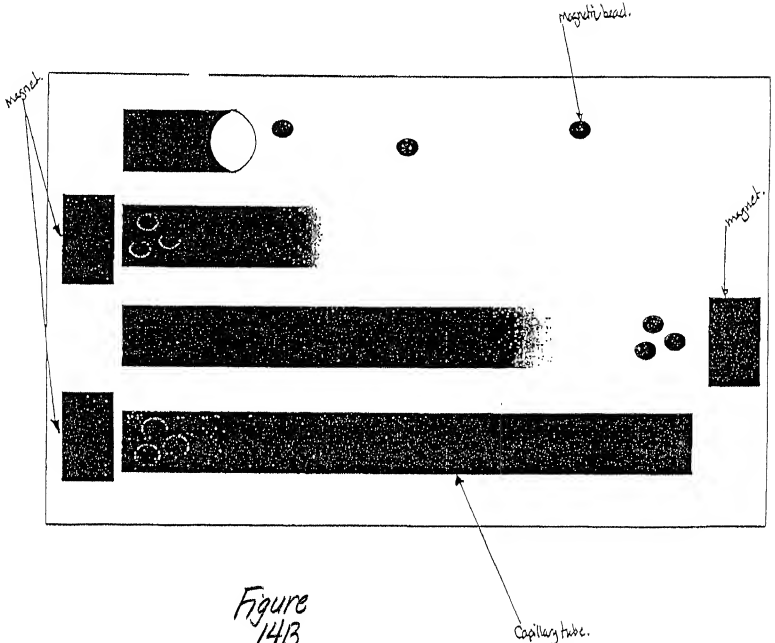


Figure 14B

09975038.101004

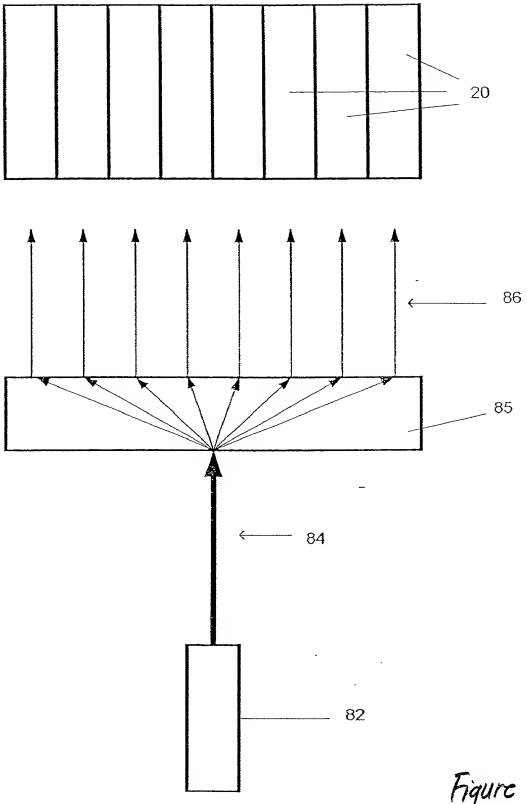


Figure 15

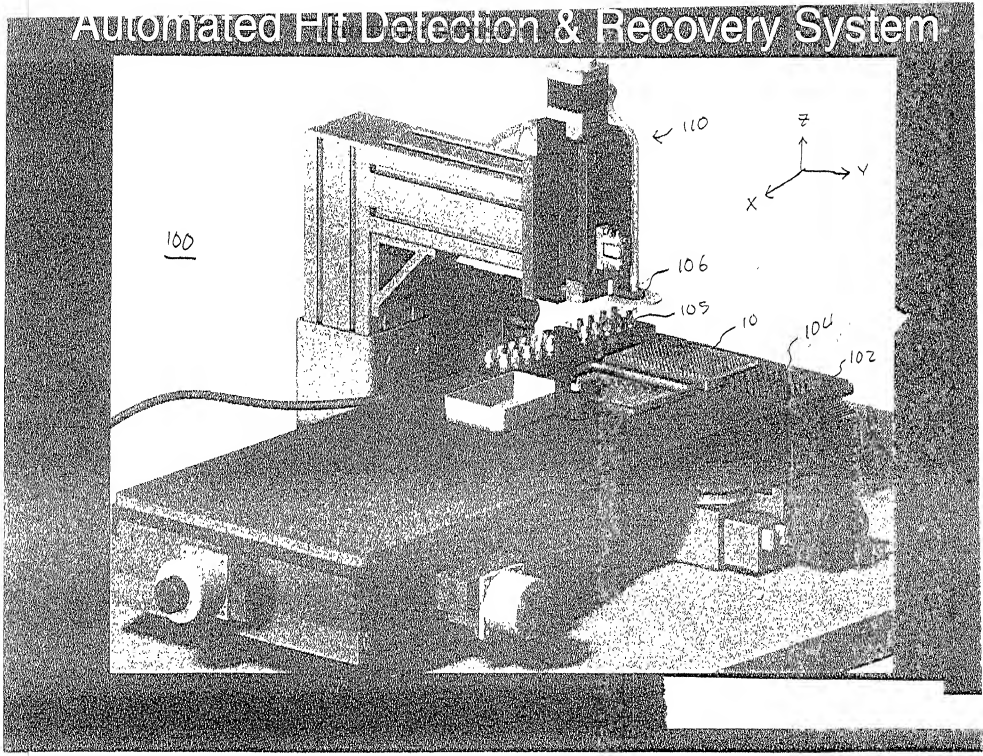

Automated Hit Detection & Recovery System
100
110
Z
Y
X
106
105
10
104
102

Figure 16

A B

Figure 17

09975036 .10100A

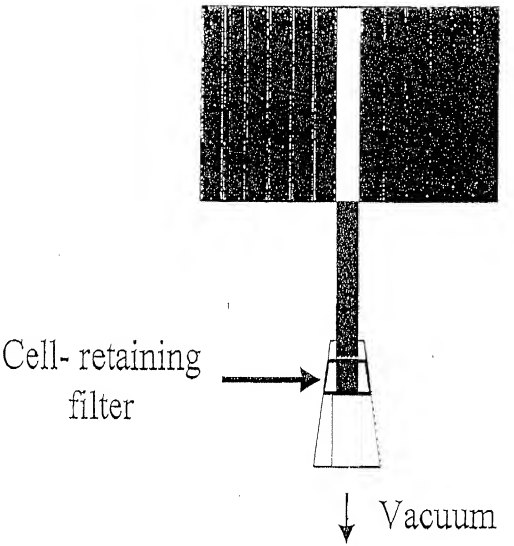


Figure 17C

09975035 "101001

Figure 17D

09975036 .10100Z

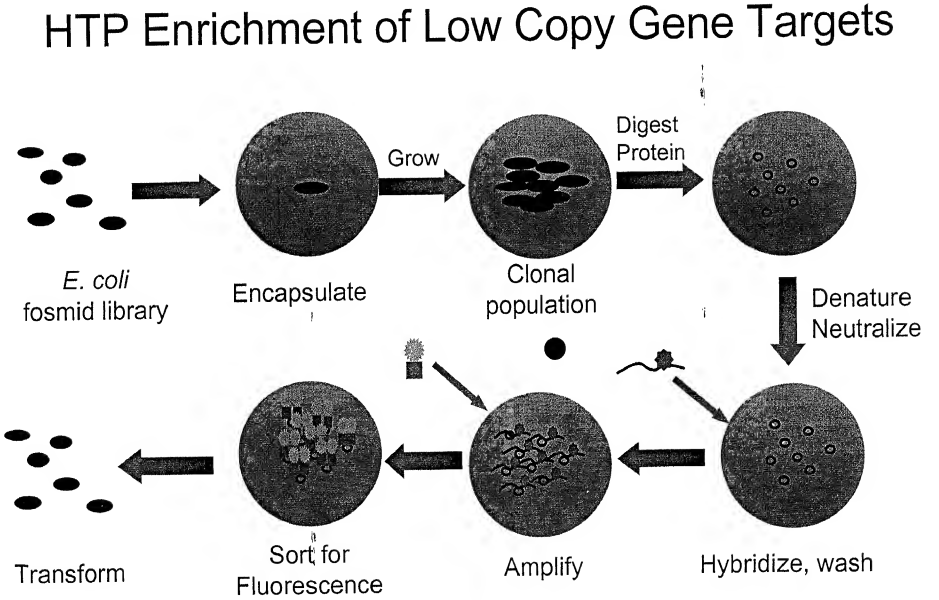


FIG. 18

TOOTOT 9E05766D

FACS-Biopanning

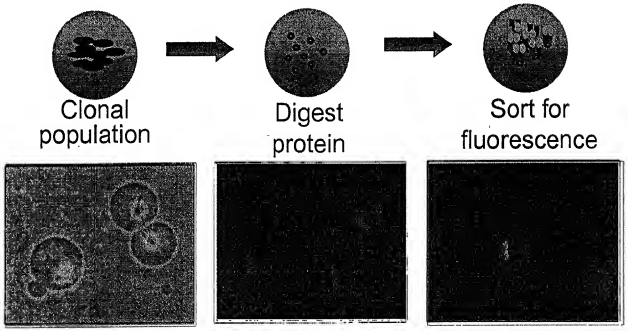


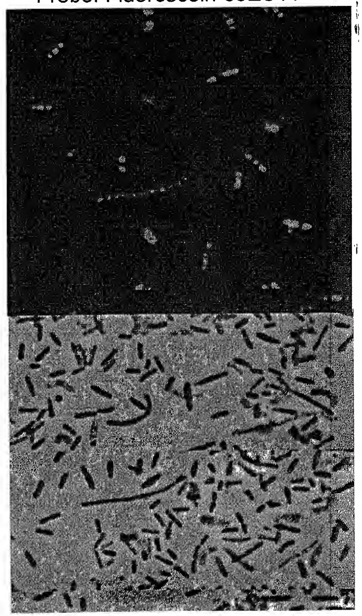
FIG. 19

Alignment of Environmental PKS Sequence

TOOTOT"9E0S4660

Whole Cell Hybridization

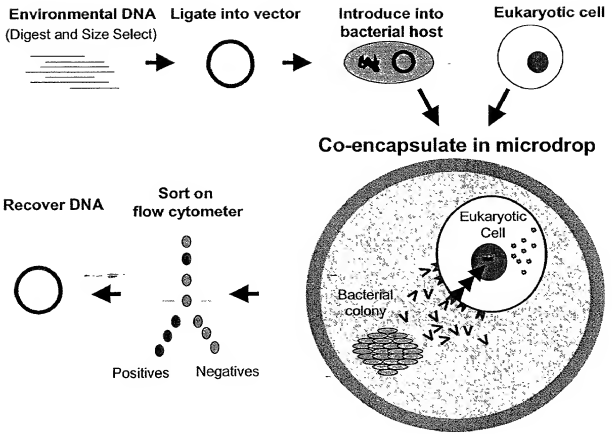
Library 557 + 95ES11 clone
Probe: Fluorescein-95ES11



Fluorescein Excitation

White light

FIG. 20



09975036.1010001

FIG. 21

TOOTOT* 9E0SZ660

Whole Cell Hybridization Protocol

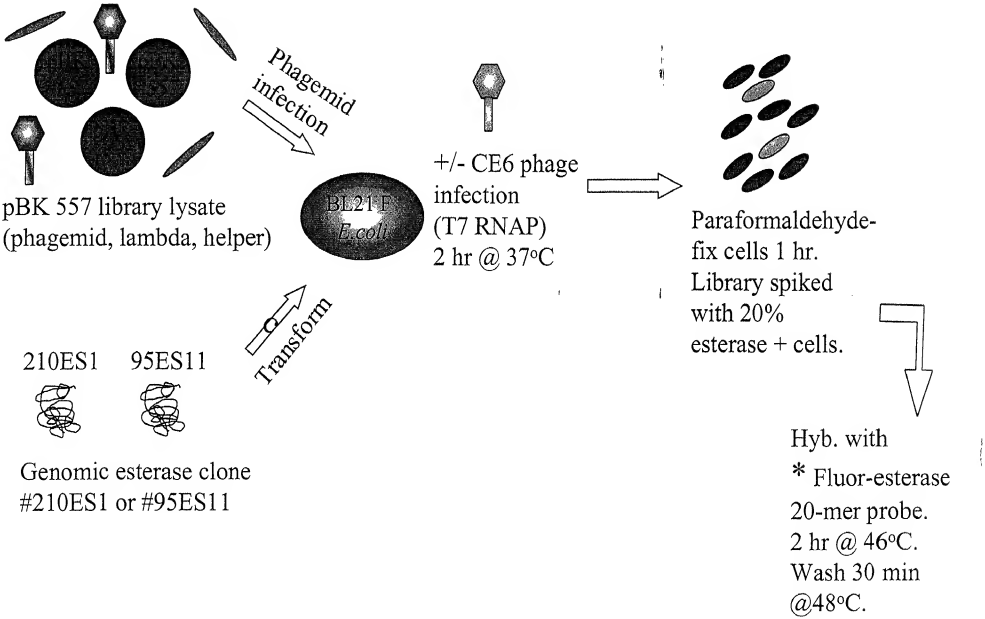


FIG. 22

TOOTOE"9E0S7660

T7 RNA Polymerase Expression System

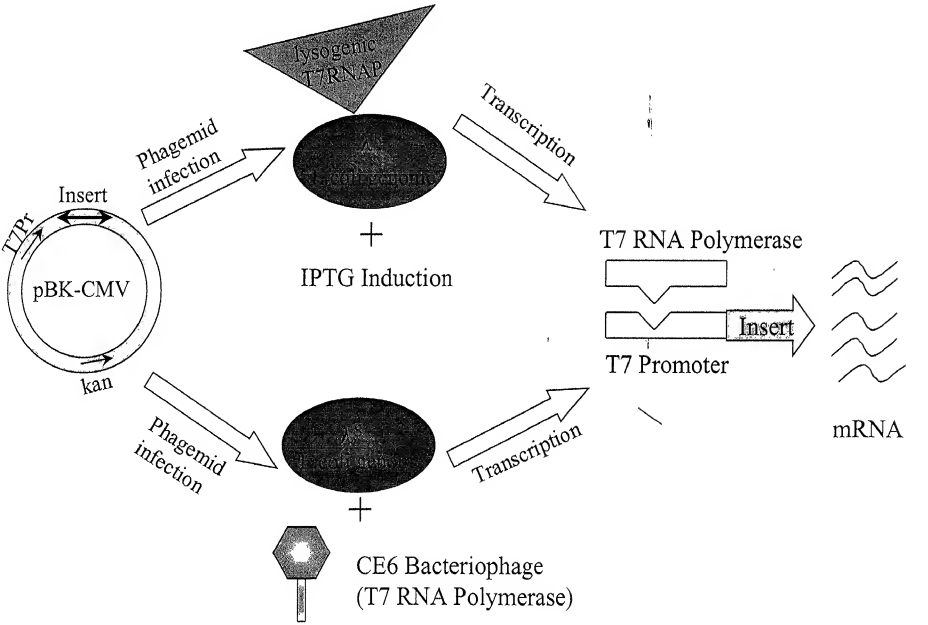


FIG. 23